

CLAIMS

What we claim is:

1. A method of installing and recycling carpet tiles in at least one area in which a plurality of carpet tiles are laid, the method comprising the steps of:

installing carpet tiles in at least a first area with adjacent tiles being of a different pattern, color, shade, design, or combination thereof;

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removing carpet tiles from first said area;

installing carpet tiles in said first area from which the carpet tiles have been removed with adjacent tiles being of a different pattern, color, shade, design, or combination thereof; and,

renewing the removed carpet tiles.

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2. The method of Claim 1, further comprising the steps of:

removing carpet tiles in a second area, which are to be subsequently renewed; and

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installing at least a portion of the first removed and renewed carpet tiles on the second area from which the carpet tiles were subsequently removed with adjacent tiles being of a different pattern, color, shade, design, or combination thereof.

FIG. 10

FIG. 10

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The method of Claim 1, wherein said renewing step includes:

a washing step of jetting a fluid onto the removed carpet tiles, thereby to perform cleaning for cleaning dirt and stain on the carpet tiles and to perform retexturing, thus forming cleaned and treated carpet tiles.

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4. The method of Claim 3, wherein said renewing step further includes:

a recoloring step of recoloring at least a portion of the cleaned and treated carpet tiles with a pattern, design, shade, color, or combinations thereof.

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5. The method of Claim 1, wherein said tiles in said first area include at least one of new tiles and renewed tiles.

6. The method of Claim 1, wherein said tiles in said first area are made up of tiles of at least two different patterns, colors, designs, shades, or combinations thereof.

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7. The method of Claim 6, wherein said tiles in said first area are made up of at least 4 different patterns, colors, designs, shades, or combinations thereof.

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8. The method of Claim 6, wherein said tiles in said first area are made up of at least 9 different patterns, colors, designs, shades, or

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5 combinations thereof.

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The method of Claim 6, wherein said tiles in said first area are made up of at least 12 different patterns, colors, designs, shades, or combinations thereof.

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~~10.~~ The method of Claim 6, wherein said tiles in said first area are made up of at least 16 different patterns, colors, designs, shades, or combinations thereof.

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~~11.~~ The method of Claim 6, wherein said tiles in said first area are made up of at least 25 different patterns, colors, designs, shades, or combinations thereof.

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~~12.~~ The method of Claim 6, wherein said tiles in said first area are made up of at least 36 different patterns, colors, designs, shades, or combinations thereof.

13. The method of Claim 1, wherein said tiles in said first area are at least one of purchased and leased.

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14. The method of Claim 1, wherein said tiles in said first area are each at least one of a gradation of color and contain cool and warm colors alike of various shades.

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15. The method of Claim 1, wherein said tiles in said second area include at least one of new tiles and renewed tiles.
16. The method of Claim 2, wherein said tiles in said second area are made up of tiles of at least two different patterns, colors, designs, shades, or combinations thereof.
17. The method of Claim 16, wherein said tiles in said second area are made up of at least four different patterns, colors, designs, shades, or combinations thereof.
18. The method of Claim 16, wherein said tiles in said second area are made up of at least nine different patterns, colors, designs, shades, or combinations thereof.
19. The method of Claim 16, wherein said tiles in said second area are made up of at least twelve different patterns, colors, designs, shades, or combinations thereof.
20. The method of Claim 16, wherein said tiles in said second area are made up of at least sixteen different patterns, colors, designs, shades, or combinations thereof.
21. The method of Claim 16, wherein said tiles in said second area are

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5 made up of at least twenty-five different patterns, colors, designs,
shades, or combinations thereof.

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10 22. The method of Claim 16, wherein said tiles in said second area are
made up of at least thirty-six different patterns, colors, designs,
shades, or combinations thereof.

23. The method of Claim 2, wherein said tiles in said second area are at
least one of purchased and leased.

15 24. The method of Claim 2, wherein said tiles in said second area are
each at least one of a gradation of color and contain cool and warm
colors alike of various shades.

20 25. The method of Claim 2, wherein substantially 100% of the renewable
carpet tiles from said first area can be used in said second area
without the necessity of mapping, shade sorting, or sorting into shade
lots.

25 26. The method of Claim 2, further comprising the steps of:
renewing the tiles removed from said second area, and
installing said renewed carpet tiles from said second area at at least
one additional area to substantially utilize about 100% of the removed
and renewed carpet tiles.

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5 27. The method according to Claim 2, further comprising a bending step
of bending curved renewed carpet tiles to the original shape, in the
washing step or any of the steps following the washing step.

10 28. The method according to Claim 2, further comprising a cutting or
trimming step of cutting out or trimming edge portions of the renewed
tiles, where piles have fallen, which are left after completion of the
washing step.

15 29. A multi-year or multi-cycle renewable carpet system, comprising the
steps of:

installing a plurality of new carpet tiles at a first location with
adjacent tiles being of a different pattern, color, shade, design, or
combination thereof,

20 removing at least a portion of the carpet tiles from the first
location after a period of use,

renewing the removed carpet tiles from the first location,

reinstalling the renewed carpet tiles at one or more
locations with adjacent tiles being of a different pattern, color, shade,
design, or combination thereof,

25 removing at least a portion of the reinstalled renewed
carpet tiles after another period of use,

renewing the removed reinstalled previously renewed
carpet tiles, and

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reinstalling the twice renewed carpet tile at one or more locations with adjacent tiles being of a different pattern, color, shade, design, or combination thereof.

30. The system as recited in Claim 29, further comprising the steps of:

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removing at least a portion of the reinstalled twice renewed carpet tiles after another period of use,

renewing the removed previously twice renewed carpet tiles, and

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reinstalling the thrice-renewed carpet tiles at one or more locations with adjacent tiles being of a different pattern, color, shade, design, or combination thereof.

31. The system as recited in Claim 29, wherein at least about 95% of the carpet tiles are renewed and reinstalled at least once.

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32. The system as recited in Claim 29, wherein the carpet tiles are at least one of 40"x40", 36"x36", 20"x20", 18"x18", 1m x 1m, and 50cm x 50cm.

25 33. The system as recited in Claim 29, wherein said renewing step includes a washing/reproducing step.

34. A renewed carpet tile produced by the method of Claim 1.

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5 35.

A renewed carpet tile produced by the method of Claim 29.

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In a method of installing and renewing carpet tiles, the improvement comprising:

installing carpet tiles in at least a first area with adjacent tiles

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being of a different pattern, color, shade, design, or combination thereof.

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The method as recited in Claim 36, wherein at least a portion of said carpet tiles are each patterned, printed, dyed, or the like.

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A renewed carpet tile produced by the method of Claim 36.

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A method of leasing carpet tiles, comprising the steps of:

installing carpet/tiles in at least a first area with adjacent tiles

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being of a different pattern, color, shade, design, or combination thereof,

removing carpet tiles from first said area;

installing carpet tiles in said first area from which the carpet

tiles have been removed with adjacent tiles being of a different pattern, color, shade, design, or combination thereof; and,

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renewing the removed carpet tiles.

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The method of Claim 39, further comprising the steps of:

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removing carpet tiles in a second area, which are to be subsequently renewed; and

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installing at least a portion of the first removed and renewed carpet tiles on the second area from which the carpet tiles were subsequently removed with adjacent tiles being of a different pattern, color, shade, design, or combination thereof.

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41. The method of Claim 39, wherein said renewing includes a washing step of jetting a fluid onto the removed carpet tiles, thereby to perform cleaning for cleaning dirt and stain on the carpet tiles and to perform retexturing, thus forming cleaned and treated carpet tiles.

42. The method of Claim 39, wherein said tiles in said first area include at least one of new tiles and renewed tiles.

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43. The method of Claim 39, wherein said tiles in said first area are made up of tiles of at least two different patterns, colors, designs, shades, or combinations thereof.

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44. The method of Claim 40, wherein said tiles in said second area are at least one of new tiles and renewed tiles.

45. The method of Claim 40, wherein said tiles in said second area are made up of tiles of at least two different patterns, colors, designs,

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shades, or combinations thereof.

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A set of carpet tiles adapted to be efficiently renewed and reused, comprising:

a plurality of carpet tiles each with a different color, shade,

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pattern, design, or combinations thereof.

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